ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Cherry Kenney	**02/25/03**	**03-0126**	–	301-883-4177	3204D	DEV/CO

8. CCR Title: TE_6A.07_STMGT.03

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 24Feb03
Cherry A. Kenney /s/ 02/25/03	**II**	**CCR**	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 27).
Louis Swentek /s/ 02/25/03	Initial ECS Baseline Doc.	Emergency

16. Documentation/Drawings Impacted *(Review and submit checklist):*	17. Schedule Impact:	18. CI(s) Affected: STMGT

19. Release Affected by this Change:	20. Date due to Customer:	21. Estimated Cost:
6A	24Feb03	None - Under 100K

22. Source Reference: ☒**NCR (attach)** ☐**Action Item** ☐**Tech Ref.** ☐**GSFC** ☐**Other:**
36703

23. Problem: (use additional Sheets if necessary)
This TE contains a fix for NCR36703, SEV 2. .Ingest and production have been having severe performance impacts. In the production subsytem, jobs are getting stuck in Autosys in the last bubble for hours at a time. In the ingest subsystem, individual requests are taking many hours to complete. The slowdown in both systems has been traced to a problem with the completion of archive write requests for data types that have backup volume groups.

24. Proposed Solution: (use additional sheets if necessary)
Deliver TE_6A.07_STMGT.03 to all DAACs. This TE must be installed on top of the 6A.07 delivery

25. Alternate Solution: (use additional sheets if necessary)
Wait until next 6A07 STMGT patch delivery.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Processing and ingest performance would be severely degraded.

27. Justification for Emergency (If Block 15 is "Emergency"):
LARC requested fix for NCR36703

28. Site(s) Affected: ☒EDF ☒PVC ☒VATC ☒EDC ☒ GSFC ☒LaRC ☒NSIDC ☐SMC ☐AK ☐JPL ☐EOC ☐ IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): **Mary S. Armstong /s/ 2/25/03**	**Disposition:** Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): **Pamela Johnson /s/ 02/25/03**	**Disposition:** Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	**Disposition:** Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #: 03-0126 Rev: - Originator: Cherry Kenney

Telephone: 301-883-4177 **Office:** 3204D

Title of Change: TE_6A.07_STMGT.03

Actions

ClearCase

Please build a IRIX tarfile from the 6A07EBF1 baseline for the folowing files:

> /ecs/formal/DSS/bin/irix65/EcDsStArchiveServer

> /ecs/formal/DSS/lib/irix65/libDsStArServerSh.so

*Please name tarfile TE_6A07_STMGT.03

DAAC Install Instructions

PATCH/TE DEPENDENCIES:

TE must be installed on top of the January 30 6A.07 delivery

PREINSTALL:

1. un tar the tar file in a <staging_area>/IRIX65 directory using the tar command

chmod 755 libDsStArServerSh.so

chmod 755 EcDsStArchiveServer

2.. Bring down the Archive Server on the xxacgnn and xxdrgnn hosts

INSTALLATION:

1. login to each host where STMGT Archive Server is installed (xxacgnn and xxdrgnn)

2. cp <staging_area>/IRIX65/libDsStArServerSh.so /usr/ecs/<MODE>/CUSTOM/lib/DSS

3. cp <staging_area>/IRIX6565/EcDsStArchiveServer /usr/ecs/<MODE>/CUSTOM/bin/DSS

POST INSTALLATION:

Restart Archive Servers on the xxacgnn and xxdrgnn hosts